

Power supplies in parallel for more current/same voltage?

Source: <http://sci.tech-archive.net/Archive/sci.electronics.misc/2005-11/msg00159.html>

- *From:* "Daniel Morrow" <videoman@xxxxxxxxxxxxx>
 - *Date:* Sun, 13 Nov 2005 18:27:45 -0800
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-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

Hi everyone! I am trying to find a cheap way I can increase the current capacity of a power supply by installing fuses to each output of multiple universal power supplies, setting each polarity correctly, setting each voltage correctly, but in other words combine power supplies to get up to 3 amps or more available from the parallel power supplies, to drive digital cameras. I have researched power supply providers and have found no usable/cheap enough power supplies (those dedicated power supplies are very expensive – especially if you have to buy one for every single digital camera) and found no suitable devices, and I don't want to convert a pc power supply because there appears to be no way to avoid the intense heat from seemingly any appropriate load. Also – I have never found a universal wall mount power supply that would deliver enough current for a digital camera. So, can I successfully do what I proposed (parallel connected power supplies)? Any dangers? Plus – I would have every individual power supply connected to a power strip with switch as a group. Your comments are welcome. Good luck and later!

You can find my public key at <https://keyserver1.pgp.com>

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.2.1 (MingW32) – WinPT 0.7.96rc1

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- *Follow-Ups:*

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◇ From: hhc314
- ◆ **Re: Power supplies in parallel for more current/same voltage?**
◇ From: Gerard Bok
- ◆ **Re: Power supplies in parallel for more current/same voltage?**
◇ From: CWatters
- ◆ **Re: Power supplies in parallel for more current/same voltage?**
◇ From: w_tom

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